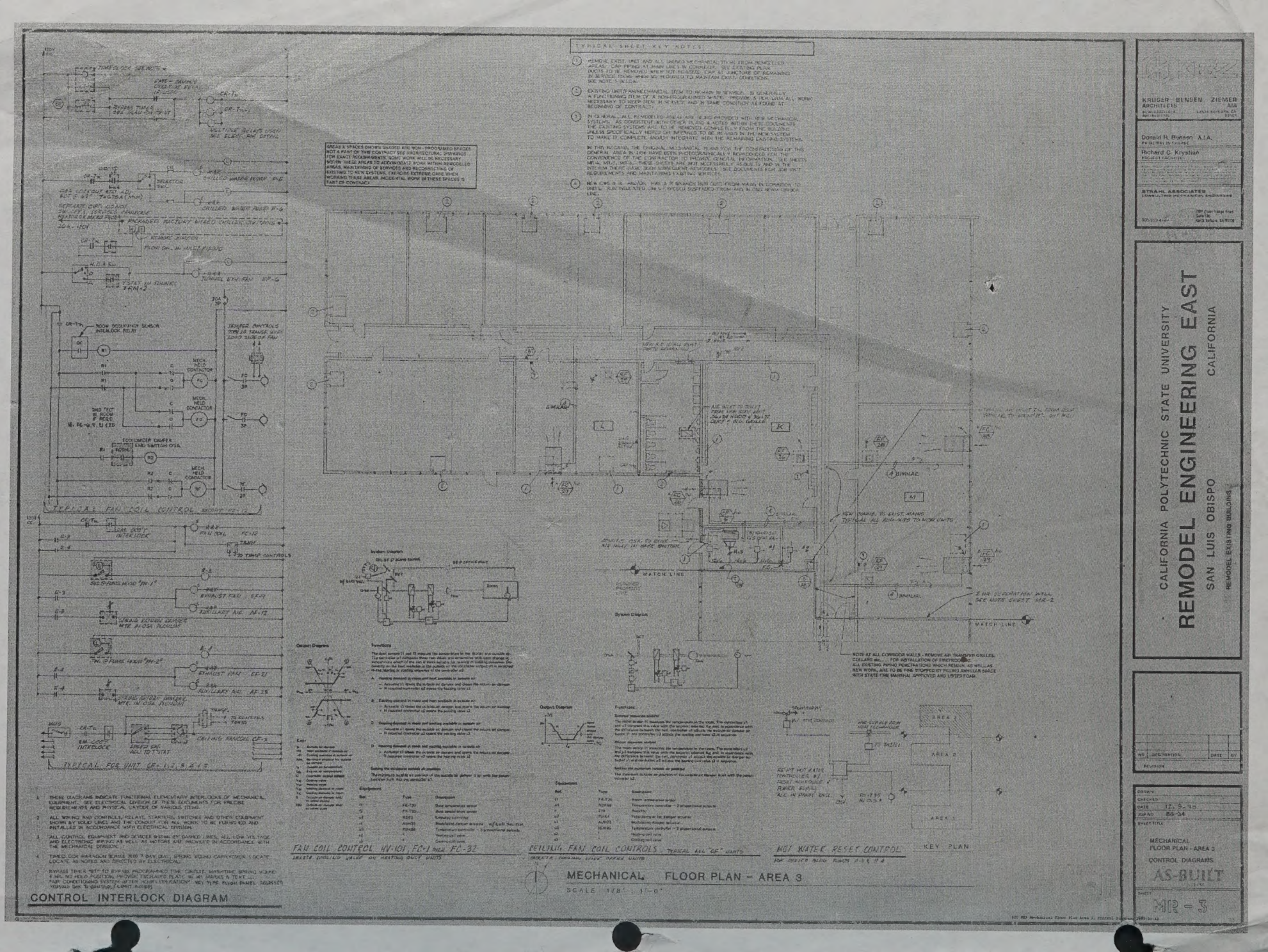
TYPICAL SHEET KEY NOTES:
1. REMOVE EXIST. UNIT AND ALL UNUSED MECHANICAL ITEMS FROM REMODELED AREAS. CAP PIPING AT MAIN LINES IN CORRIDOR. SEE EXISTING PLAN. DUCTS TO BE REMOVED WHEN NOT REQUIRED. CAP AT JUNCTURE OF REMAINING IN SERVICE ITEMS WHEN SO REQUIRED TO MAINTAIN EXIST. CONDITIONS. SEE NOTE 5 BELOW
2. EXISTING UNIT, PLANT, MECHANICAL ITEM TO REMAIN IN SERVICE. IN GENERALLY A FUNCTIONING ITEM OF A NON-REMODELED SPACE. PROVIDE ALL INCIDENTAL WORK NECESSARY TO KEEP THEM IN SERVICE AND IN SAME CONDITION AS FOUND AT BEGINNING OF CONTRACT.
3. IN GENERAL, ALL REMODELED AREAS ARE BEING PROVIDED WITH NEW MECHANICAL SYSTEMS. AS CONSISTENT WITH OTHER PLANS & NOTES WITHIN THESE DOCUMENTS THE EXISTING SYSTEMS ARE TO BE REMOVED COMPLETELY FROM THE BUILDING UNLESS SPECIFICALLY NOTED OR INDICATED TO BE RETAINED IN THE NEW SYSTEM TO MAKE IT COMPLETE AND/OR INTEGRATE WITH THE REMAINING EXISTING SYSTEMS.
IN THIS REGARD, THE ORIGINAL MECHANICAL PLANS FOR THE CONSTRUCTION OF THE GENERAL AREA IN 1956 HAVE BEEN PHOTOGRAPHICALLY REPRODUCED FOR THE CONVENIENCE OF THE CONTRACTOR TO INCLUDE GENERAL INFORMATION. SEE SHEETS M1-4, M5.1, M7.4. THESE SHEETS ARE NOT NECESSARILY AS-BUILTS AND IN THE INTERIM THE RFC BASE, BOOK SUBSEQUENT REVISIONS. SEE DOCUMENTS FOR JOB UNIT REQUIREMENTS AND MAINTAINING EXISTING SERVICES.
4. NEW LOWS & B. ANDIRON. MAKE & R BRANCH RUN OUTS FROM MAINS IN CORRIDOR TO UNIT. RUN INSULATED LINE S/ PROVIDE SUSTAINED FROM AND BLOWS BEAM CEILING LINE.
AREAS & SPACES SHOWN SHADED ARE NON-PROGRAMMED SPACES NOT A PART OF THIS CONTRACT SEE ARCHITECTURAL DRAWINGS FOR EXACT REQUIREMENTS. SOME WORK WILL BE NECESSARY WITHIN THESE AREAS TO ACCOMMODATE WORK WITHIN REMODELED AREAS, MAINTAINING OF SERVICES AND RECONNECTING OF EXISTING TO NEW SYSTEMS. EXERCISE EXTREME CARE WHEN WORKING THESE AREAS. INCIDENTAL WORK IN THESE SPACES IS PART OF CONTRACT.
TYPICAL FAN COIL CONTROL DIAGRAM FC-1
TYPICAL FAN COIL CONTROL DIAGRAM FC-12
TYPICAL FOR UNIT CF-1, 2, 3, & 4
CONTROL INTERLOCK DIAGRAM
1. THESE DIAGRAMS INDICATE FUNCTIONAL ELEMENTARY INTERLOCKS OF MECHANICAL EQUIPMENT. SEE ELECTRICAL DIVISION OF THESE DOCUMENTS FOR PRECISE REQUIREMENTS AND PHYSICAL LAYOUT OF VARIOUS ITEMS.
2. ALL WIRING AND CONTROLS, RELAYS, STARTERS, SWITCHES AND OTHER EQUIPMENT SHOWN BY SOLID LINES AND THE CONDUIT FOR ALL WORK TO BE FURNISHED AND INSTALLED IN ACCORDANCE WITH ELECTRICAL DIVISION.
3. ALL CONTROL EQUIPMENT AND DEVICES WITHIN 6" DASHED LINES, ALL LOW VOLTAGE AND ELECTRONIC WIRING AS WELL AS MOTORS ARE PROVIDED IN ACCORDANCE WITH THE MECHANICAL DIVISION.
4. TIMED OCR HARRISON SERIES 7000 7 DAY DIAL, SPRING WOUND CAPACITOR, 1 CIRCUIT LOCATE AS NOTED AND DIRECTED BY ELECTRICAL.
5. BYPASS TIMER "BT" TO BYPASS PROGRAMMED TIME CIRCUIT, MAINTAINS SPRING WOUND 5 MIN. NO HELD POSITION, PROVIDE ENGRAVED PLASTIC W/ BY PASS & TEXT ON AIR CONDITIONING SYSTEM AFTER "OCR OVERRIDE" KEY TYPE PLUGH PANEL. SEQUENCE WIRING SEE TO CONTROLS / LIMIT, DIAGRAM
FAN COIL CONTROL HV-101, FC-1 thru FC-32
CREATE CHILLED WATER OR HEATING DAILY UNITS
CEILING FAN COIL CONTROLS TYPICAL ALL "CF" UNITS
CREATE HEATING WATER DIFFER UNITS
HOT WATER RESET CONTROL
FOR OFFICE BLDG FLOORS A-1 & A-2
MECHANICAL FLOOR PLAN – AREA 3
SCALE 1/8" = 1'-0"
KEY PLAN
AREA 1
AREA 2
AREA 3
MATCH LINE
MATCH LINE
NOTE: AT ALL CORRIDOR WALLS - REMOVE AIR TRANSFER GRILLES, DUCTWORK ETC. FOR INSTALLATION OF ENTRY DOORS. ALL EXISTING PIPING PENETRATIONS WHICH REMAIN, AS WELL AS NEW WORK, ARE TO BE FIRE STOPPED BY FILLING ANNULAR SPACE WITH STATE FIRE MARSHAL APPROVED AND LISTED FOAM.
KRUGER BENSEN ZIEMER ARCHITECTS AIA
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STRAHL ASSOCIATES
CALIFORNIA POLYTECHNIC STATE UNIVERSITY
REMODEL ENGINEERING EAST
SAN LUIS OBISPO CALIFORNIA
REMODEL EXISTING BUILDING
NO. DESCRIPTION DATE BY
REVISION
DRAWN
CHECKED
DATE 12-3-93
JOB NO 86-34
SHEET TITLE
MECHANICAL FLOOR PLAN - AREA 3
CONTROL DIAGRAMS
AS-BUILT
SHEET
M2-3